

# Minsu Kim

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Room 205-20, 458 W Circle Dr, East Lansing, MI 48824

## Research & Teaching Fields

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Primary Field: Energy, Resource, and Environmental Economics & Policy

Secondary Fields: Applied Econometrics, Applied Microeconomics, Public Policy Analysis

## Education

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**Ph.D. in Economics and Agricultural, Food, and Resource Economics** 2024 (Expected)

Michigan State University *East Lansing, MI*

Dissertation: *Three Essays in Energy and Resource Economics for the Optimal Energy Transition*

Committee: Dr. Richard D. Horan (Chair), Dr. Scott M. Swinton, Dr. Soren T. Anderson, Dr. A. Justin Kirkpatrick

**Master of City Planning in Environmental Studies** 2017

Seoul National University *Seoul, Korea*

**B.S. Chemistry** 2012

Pohang University of Science and Technology (POSTECH) *Pohang, Korea*

## Publications

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**Kim, M.** (2018). [Major Factors on Energy Consumption in Building Sector in Korea](#). *Climate Change and Green Growth*, 16, 17-32.

**Kim, M.** (2017). [Criticism of Nuclear Discourses in the Tide of the Phase-out: A Case of the Consensus Committee of Shin-Gori 5 and 6 Reactors](#). *Climate Change and Green Growth*, 14, 67-94.

## Government Reports

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(Contributing author) Greenhouse Gas Inventory and Research Center of Korea. (2018). *2015-2016 Monitoring Report of Korean Emission Trading Scheme*. The Office for Government Policy Coordination & Prime Minister's Secretariat

(Contributing author) The Government of the Republic of Korea. (2017). [Second Biennial Update Report of the Republic of Korea under the United Nations Framework Convention on Climate Change](#).

## Working Papers

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**Kim, M.** [Incentivizing Capital Investments in Electric Vehicle Attributes to Stimulate Demand](#). *Journal of the Association of Environmental and Resource Economists*. Submitted (with editor) 7 September 2023. (Job Market Paper)

**Kim, M., & Yun, S.** [The Impact of Transnational Municipal Networks on Local Energy Consumption](#). *Energy Policy*. Submitted (with editor) 16 August 2023.

**Kim, M.** Peer Effects in Electric Vehicle Adoption ([Abstract](#))

**Kim, M.** Soft Landing of Electric Vehicles Adoption on Electricity Grids ([Abstract](#))

**Kim, M.** The Shock of Climate Change on Chesapeake Bay's Socioeconomic Ecosystem ([Abstract](#))

Valle De Souza, S., **Kim, M.**, Pechal, J.L., Benbow, M.E., Bennet, A., Adedeji, O.B., Omonona, B.T. Scalable and

## Conference Presentations

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**Kim, M., & Yun, S.** *The Impact of Transnational Municipal Networks on Local Energy Consumption.*

(2023). The 45<sup>th</sup> Association for Public Policy Analysis & Management Fall Conference. GA, USA. Nov. 9 - 11.

**Kim, M.** *Peer Effects in Electric Vehicle Adoption.*

(2023). The 93<sup>rd</sup> Southern Economic Association Conference. LA, USA. Nov. 18 - 20.

(2023). The 40<sup>th</sup> USAEE/IAEE North American Conference. IL, USA. Nov. 6 - 8.

(2023). The 13th Heartland Environmental and Resource Economics Workshop. IL, USA. Oct. 28 - 29.

**Kim, M.** *Incentivizing Capital Investments in Electric Vehicle Attributes to Stimulate Demand.*

(2023). The 98<sup>th</sup> Western Economic Association International Conference. CA, USA. Jul. 2 - 6.

(2023). The 87<sup>th</sup> Midwest Economics Association Conference. OH, USA. Mar. 31 - Apr. 2.

(2023). The 49<sup>th</sup> Eastern Economics Association Conference. NY, USA. Feb. 24 - 26.

**Kim, M.** *The Dynamics of Subsidizing Electric Vehicle Consumption to Combat Climate Change.*

(2022). The 12<sup>th</sup> MSU/UM Energy and Environmental Economics Day. MI, USA, Aug. 25.

**Kim, M., & Yun, S.** *An Analysis of the Influence of ICLEI Membership on the Energy Consumption of Local Governments in South Korea.*

(2017). Korea Environmental Policy and Administration Society Spring Conference. Seoul, Korea. Feb. 17.

**Kim, M., & Yun, S.** *A Positive Analysis of Factors Affecting the Spread of Sustainable Practices in Seoul - A Case of Autonomous Districts in Seoul.*

(2015). Korea Environmental Policy and Administration Society Fall Conference. Seoul, Korea. Oct. 30.

## Invited Presentations

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**Kim, M.** (2023). *Economics in the Era of Climate Change.* Seminar at Gyeongju High School, Korea, Apr. 10.

**Kim, M.** (2020). *International Negotiation of Climate Change & the Role of Youth.* The COP in MyCity, Korea, Jul. 4.

**Kim, M.** (2017). *International Negotiation of Climate Change & the Role of Youth.* The COP in MyCity, Korea, Jul. 1.

**Kim, M.** (2015). *Korea-China-Japan Youth Trialogue for INDCs of Each Country.* The 11th Global Conference of Youth in the 21st Conference of Parties at UNFCCC, Paris, France. Dec. 3.

## Work Experience

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Greenhouse Gas Inventory and Research Center of Korea	Researcher	Feb. 2017 - Jul. 2018
The Office of Korean Assemblyman S.J.D. Sang-don Lee	Secretary	Jun. 2016 - Dec. 2016
The 12th Infantry Division, the Republic of Korea Armed Forces	Sergeant	Oct. 2012 - Aug. 2014

## Research Experience

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Michigan State University	Graduate Research Assistant (Dr. Valle de Souza)	Jan. 2021 - Aug. 2022
Michigan State University	Graduate Research Assistant (Dr. Horan)	Sep. 2019 - Dec. 2020

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Seoul National University	Graduate Research Assistant (Dr. Yun)	May. 2015 - Dec. 2015
Seoul National University	Graduate Assistant (Dr. Yun)	Jan. 2015 - Dec. 2015
Pohang University of Science and Technology	Undergraduate Research Assistant (Dr. Lee)	May. 2011 - Sep. 2011

## Teaching Experience

**Teaching Assistant** all in the Department of Agricultural, Food, and Resource Economics at Michigan State University

AFRE 460: Natural Resource Economics		Fall 2022/ Fall 2023
AFRE 330: Farm Management II		Fall 2023
AFRE 303: Managerial Economics		Spring/Fall 2022
AFRE 265: Ecological Economics	Spring 2019/Fall 2022/Spring 2023/Fall 2023	
AFRE 240: Food Product Marketing	Fall 2018/Fall 2022/Spring 2023	
ABM 100: Decision-making in the Agri-Food System		Fall 2020

## Grant, Fellowship, and Awards

<i>Outstanding Thesis Award</i>	Korea Environmental Policy and Administration Society Spring Conference	2017
<i>Outstanding Thesis Award</i>	Graduate School of Environmental Studies, Seoul National University	2017
<i>Alumni Scholarship</i>	Graduate School of Environmental Studies, Seoul National University	2016
<i>Dean's List Scholarship</i>	Seoul National University	2015
<i>Outstanding Project Award</i>	Graduate School of Environmental Studies, Seoul National University	2015
<i>National Scholarship (STEM)</i>	Korea Student Aid Foundation	2007

## Academic Memberships and Service

<i>Member</i>	Association of Environmental and Resource Economics	2022 - 2023
<i>Member</i>	Association for Public Policy Analysis & Management	2023
<i>Abstract Review</i>	United States Association for Energy Economics	2023
<i>Abstract Review</i>	Association of Environmental and Resource Economics at Southern Economic Association	2023

## Service

<i>Orientation Committee Chair</i>	Graduate Student Organization of MSU AFRE	Jan. 2020 - Aug. 2020
<i>Executive Members</i>	Green Environment Youth Korea	Jan. 2015 - Aug. 2018
<i>Governmental Observer</i>	UNFCCC COP 21 & COY 11 in Paris	Nov. 2015 - Dec. 2015
<i>Science War Committee Executive Advisor</i>	POSTECH	May. 2011 - Sep. 2011
<i>Science War Committee Chair</i>	POSTECH	May. 2010 - Sep. 2010

## Software

Mathematica, Stata, Latex, SPSS (Fluent), Python, R, GAMS, GIS (Basic)

## Languages

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Korean (Native), English (Fluent)

## References

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### [Dr. Richard D. Horan](#)

Professor  
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### [Dr. Soren T. Anderson](#)

Associate Professor  
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### [Dr. Simone Valle de Souza](#)

Assistant Professor  
Horticulture  
Michigan State University  
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### [Dr. Scott M. Swinton](#)

Professor  
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## Job Placement Officers

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### [Dr. James Sears](#)

Assistant Professor  
Agricultural, Food, and Resource Economics  
Michigan State University  
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### [Dr. Justin G. Kappiaruparampil](#)

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